

# CareerFocus™

2013  
means 50

*Is it a birthday? Is it an anniversary?  
Whatever it is, it will be **big!***

**The Smart  
Solution**

**Love of Cars  
Knows No Age**

**From Idea  
to Reality**

**The GED  
Test is  
Changing**

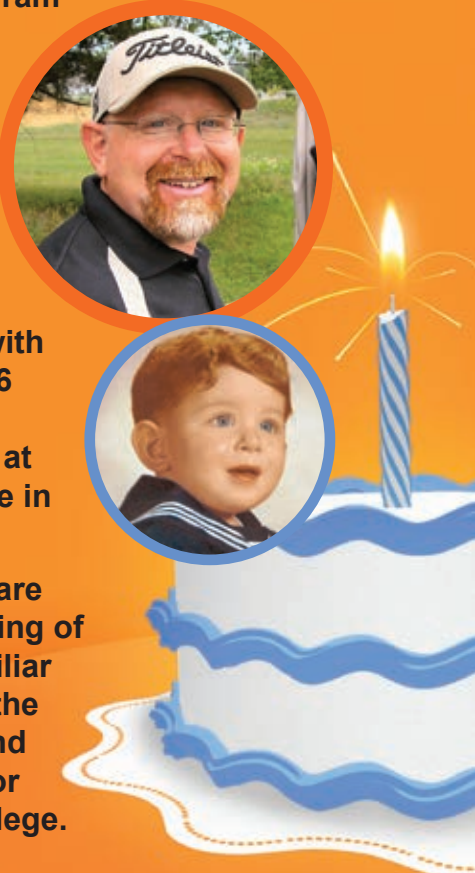




# ON THE COVER

The first Board of Trustees chartered Sandhills Community College on December 4, 1963. Just five days later John Libassi, future graduate of the Golf Course Management program at the College, was born. Libassi, originally from Wisconsin, went on to serve in the US Navy. After retiring, he began seeking out a reputable turf management program and landed at Sandhills. He graduated with the highest honors in 2006 and currently works as an Assistant Superintendent at Heritage Oaks Golf Course in Harrisonburg, Va.

Also shown on the cover are an early architects rendering of the archways now so familiar on campus, a drawing of the site for the new college and "Preliminary Thoughts" for Sandhills Community College.



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**Sandhills Community College  
Financial Aid Office**

**(910) 695-3743**



# UNCP

*Sandhills*  
COMMUNITY COLLEGE

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Elementary Education

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**Masters in Social Work - MSW**

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BSBA: Management

**Nursing - BSN**

**Social Work - BSW**

**Interdisciplinary Studies - BIS**



#### Information:

Rebecca B. Roberts  
rebecca.roberts@uncp.edu  
910.695.3919



## Flashback 1963

The price of a first class stamp increased to five cents.

*Petticoat Junction* premiered on CBS.

American fashion designer Geoffrey Beene had his first *Vogue* cover with celebrity fashion model Jean Shrimpton.

*Please Please Me*, the debut album by the Beatles, was released.

The Oral Polio Vaccine was licensed which led to a dramatic decline in the number of polio cases.

**Sandhills Community College was chartered.**



50 years ago



Questions about Sandhills Community College curriculum programs can be directed to the Student Services Department at (910) 695-3725. To inquire about Continuing Education courses, call (910) 695-3980.

Publisher.....Dr. John Dempsey  
President of Sandhills Community College  
Editor.....Karen McKellar Manning  
Director of Marketing and Public Relations  
Writer.....Karen Manning  
Photography.....Karen Manning and contributed

**www.sandhills.edu**

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**Sandhills Community College Administration**

Dr. John Dempsey, President  
dempseyj@sandhills.edu or (910) 695-3700

Dr. John Turner, Provost  
turnerj@sandhills.edu or (910) 695-3704

Dr. Richard Gough, Executive Vice-President  
goughr@sandhills.edu or (910) 695-3703

Andrea Korte, Dean of Continuing Education  
korteas@sandhills.edu or (910) 695-3767

Dr. Rebecca Roush, Dean of Instruction  
roushr@sandhills.edu or (910) 695-3715

David Farmer, Dean of Campus Life  
farmerdj@sandhills.edu or (910) 695-3714

Kellie Shoemake, Dean of Enrollment Management  
shoemakek@sandhills.edu or (910) 695-3714

Rick Smith, Dean of Institutional Advancement  
smithr@sandhills.edu or (910) 695-3716

Dr. John Stacey, Dean of Learning Resources  
staceyj@sandhills.edu or (910) 695-3820

Dr. Kristie Sullivan, Dean of Planning and Research  
sullivank@sandhills.edu or (910) 695-3907

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Sandhills Community College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees, diplomas and certificates. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Sandhills Community College.

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# CareerFocus<sup>TM</sup>

## Features

### 2 Facts and Finds

### 3 The Smart Solution

### 4 2013 means 50

Is it a birthday? Is it an anniversary?  
Whatever it is, it will be big!

### 6 Love of Cars Knows No Age

Classics and new models of cars are being worked on — by classics and new models of students

### 8 From Idea to Reality

Technology is now used widely and routinely in the design and construction industries

### 10 2 + 2 College Transfer Options

### 11 SACS QEP OASIS

To most, this doesn't mean a thing — for others, it causes them to tremble in fear and break into a cold sweat

### 12 The GED Test is Changing...Again

## In Every Issue

### 12 THE ALUMNI ASSOCIATION The SCC Graduate Walk – Paving the Way to Success

### 13 SANDHILLS PROGRAMS LIST Degrees, Diplomas and Certificates



## On the go?

Read CareerFocus anytime on your mobile device, computer or tablet at

**sandhills.mycareerfocus.org**

It's the easy way to share articles, access Sandhills Community College resources and get on the path to a new career.





# Facts AND Finds

## Half of "Best Jobs" Require Fewer Than Four Years of College

a bachelor's degree or higher is the only avenue to get a good job, think again.

To make the "best jobs" list, a job must first be in demand, but it also has to pay a good salary and provide job satisfaction. You'll find many healthcare and IT jobs on the list, and five of the top 10 best jobs—registered nurse and four IT jobs—require a two-year degree that can be earned at Sandhills. In fact, over half of the jobs on the list require less than four-years of college.

Many—such as physical therapist assistants, respiratory therapists, radiologic technicians, massage therapists and preschool teachers—require a two-year degree. Others—medical assistant, home health aide, or cosmetologist—require only short-term training or a certificate to get you started.

Take a look at the list of our Programs and Majors at the end of this magazine and see all the programs, degrees, diplomas and certificates we offer to get you into a "best job" soon.

*"The 100 best jobs" money.usnews.com*

USNews updated its 100 Best Jobs for 2013 and the number one job is....dentist! Okay, for that one you're going to need an advanced degree. But if you think



## Want a Job? Get a Community College Degree

two-year degrees than for workers with bachelor's degrees.

That's not just good news for community college grads, it's a sign of a recovering economy says Anthony Carnevale of the Georgetown University Center on Education and the Workforce.

The trend also indicates an increased demand for skilled workers who can be trained quickly, he adds.

*"Employment Surges for Community College Grads" USA Today*

The U.S Department of Labor reported that in 2012 more jobs were created for workers with

## The More You Give, The More You Get

what if simply doing more to help your co-workers and clients could increase your satisfaction with your work?

Come again? Doing more at work can make you happier?

Well yes, says author and organizational psychologist Adam Grant. The opportunity to help other people isn't a distraction from more important tasks, it's an opportunity to feel good about yourself and your work.

What would make you happier at work? More money? More interesting projects? More flexibility in your schedule? While these are often cited reasons for job dissatisfaction,

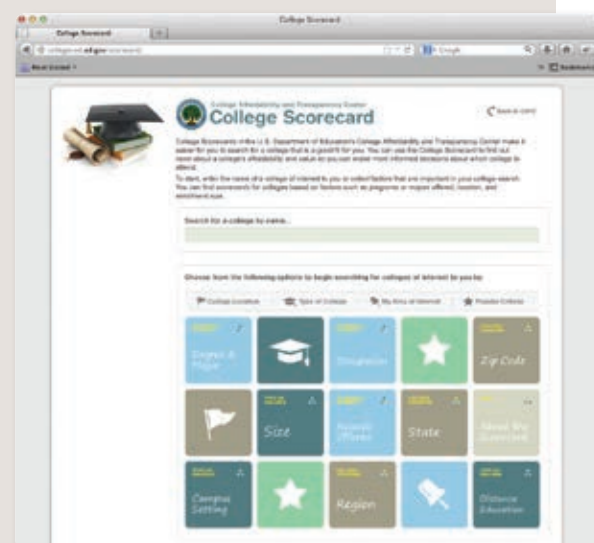
While these are often cited reasons for job dissatisfaction,



Grant backs up his claims with research and case studies in his new book Give and Take, describing how the act of helping others can add meaning and satisfaction to our work.

The world, he says, is made up of givers, takers and matchers. While most of us are matchers, and nobody likes a taker, it's the givers who have learned to give without being taken advantage of who are most successful.

*"Is Giving the Secret to Getting Ahead?" nytimes.com* ■



## Know the Score

Now it's easier to get the facts about the real costs of college by using a new tool developed by the federal government.

The College Scorecard allows you to compare the cost of tuition at two- and four-year colleges, and to see graduation rates, average student loan rates and default rates.

The Scorecard also allows you to narrow your search by location, degrees, occupations, and characteristics of the college.

It's a fantastic source of information, but users should remember that no student is "average" and many factors such as admission requirements, financial aid and program flexibility are important to factor into the equation. Don't eliminate a college based on its Scorecard before you do more research!

*Find the College Scorecard at collegecost.ed.gov / scorecard*



# The Smart Solution

A successful career and brighter future generally requires some sort of training beyond high school. Not everyone is suited for Duke or Wake Forest, nor can afford universities like those!

The Sandhills Community College student body is varied, our beautiful campus is expanding and we are graduating more students than ever before because people are discovering the smart solution.

Many come to Sandhills for one of our quality technical programs that can lead to good-paying jobs in business, industry, health, horticulture and service industries. Turn to the last several pages of this magazine and explore the programs we offer.

Others want to work in a field that requires a four-year degree. The smart solution for that avenue is to complete your first two years at Sandhills. Here's why:

- In comparison to the 16 University North Carolina institutions where tuition and fees alone can run as high as \$8,123 per semester, the cost of spring semester 2013 was \$1,152 at the most.
- We have agreements with universities and colleges and know exactly which courses transfer—you do not waste time or money taking courses that will not transfer or do not apply to your major.
- All of our courses that transfer are taught by professors and instructors who have earned at least a master's degree—you are not promised that at the university.

Sandhills is all about student success! You will receive personal attention from a caring faculty, we offer free tutoring, free career counseling, and terrific opportunities for tuition assistance. And because of the extreme generosity of so many people here in our community,

we can offer more money in scholarships than any community college in the state!

Visit our campus, experience our collegiate atmosphere, and you will agree that Sandhills is the smart solution.



# 2013 means 50

*Is it a birthday? Is it an anniversary?  
Whatever it is, it will be **big**!*

## Save the Date

September 14 will be a date to save on your calendar. That Saturday will see a block party in downtown Southern Pines near the Ice Cream Parlor and a free 60s themed concert at the Sunrise Theatre.

### 1963

In July a request was made to the NC State Board of Education for a college to be located in Moore County. The first bond issue passed in November. On December 4, the Board of Trustees held the first meeting. Before the end of the year, Mrs. Mary Luman Meyer gave a tract of land for the campus.

Upstairs of what is now the Ice Cream Parlor, on the corner of W New Hampshire and NW Broad Streets, is where the first Sandhills Community College offices and a learning center were located. It was known as the Patch Building back then. Classes were held at night at the nearby Southern Pines High School (now the Elementary School) and the Parkview Hotel (was located at the corner of E Pennsylvania and N Ashe).

The look of the College's buildings came about after President Raymond Stone, Consultant William Brubaker and Architect Tom Hayes admired the Boyd House at Weymouth and an arched entrance and courtyard in the heart of Pinehurst (then known as the Gray Fox Restaurant).

Even though there was only one graduate in June of 1966, the College held a commencement ceremony with Jeanne Waldman receiving an Associate in Arts degree.





*The first Sandhills Community College Board of Trustees Meeting was held on December 4, 1963.*

Sandhills was North Carolina's first comprehensive community college, offering courses leading from basic literary skills through the first two years of a four-year degree from a senior college or university.

Sandhills Community College has had only two presidents. Dr. Raymond Stone served from December 1963 until July 1989. Dr. John Dempsey has been president since August 1989.

The SCC Board of Trustees has had only three Chairmen! The first was Cliff Blue followed by Ed Causey (four Chairs if you count the few weeks Dr. Vanore from Robbins served between those two). Current Chair George Little has been in the seat since 1985. Little came on the Board 32 years ago in 1981.



*The groundbreaking for a new college to be located on Airport Road on land donated by Mrs. Mary Luman Meyer was held on November 25, 1964.*



*Jeanne Waldman, Sandhills Community College's first graduate, receives her degree from H. Clifton Blue as President Raymond Stone looks on.*



*The ribbon cutting ceremony for the new Sandhills Community College campus on Airport Road was March 24, 1966.*

# 2013

The college will be celebrating 50 years of exceptional education to the Sandhills region and beyond.





# Love of Cars Knows No Age

Classics and new models of cars are being worked on — by classics and new models of students

**S**enior citizens work alongside students more than a third their age in Automotive Technology classes at Sandhills. They learn how to diagnose and repair cars of all types, from antique roadsters to the latest hybrids and electric vehicles.

“I’ve always enjoyed working on cars and the automotive classes at Sandhills let me keep on learning, to keep up with new technology,” says 75 year old David Zolov, a semi-retired physician living in Pinehurst. “I’ve been taking Sandhills’

**“I’ve always enjoyed working on cars and the automotive classes at Sandhills let me keep on learning, to keep up with new technology. I’ve been taking Sandhills’ automotive classes for at least 15 years and I learn something new in every class.”**

**David Zolov**

automotive classes for at least 15 years and I learn something new in every class.”

“The older students in our classes grew up tinkering with entirely different cars, but enjoying working on cars is a shared passion common to all our students, no matter what their age,” says Alex Cameron,

Automotive Systems Technology professor at Sandhills. “We’re teaching the next generation of auto technicians, sure, but there are some students here who just want to learn more about cars as a pastime.”

In our classes, students work on training aid vehicles (cars owned by the college), their personal cars, or



*David Zolov, Owen Gallagher and Jack Norton regularly take classes in the Automotive Technologies program. They were photographed with the highly modified 1957 Lotus Norton works on in class.*



**“The older students in our classes grew up tinkering with entirely different cars, but enjoying working on cars is a shared passion common to all our students, no matter what their age.”**

**Alex Cameron,  
Sandhills Automotive Systems  
Technology professor**

cars owned by other students, faculty or staff,” said Cameron. “Projects coincide with the subjects being taught.

The variety of vehicles makes the classes interesting,” says retired teacher Owen Gallagher, 70. “For instance, not too long ago I worked on a ’95 Corvette, a car I can’t afford but sure enjoyed learning about.”

Gallagher says the variety of students makes the class interesting as well. “At first the young kids in class don’t know what to make of us older ones,” he says. “But somebody borrows a tool from someone else and before you know it, we’re just all people who like cars.”

“These guys always have good stories and are very approachable,” says Shannon Edge, studying to become an ASE Certified Technician. “Especially if we’re working on an older car or a hot rod or specialty car, they often know more than the younger students. I like being in classes with them.”

Jack Norton, 77, of West End, who is retired from the construction industry, sometimes brings in one of the cars from his own collection to work on in class. It may be his 1948 or 1953 MG, a 1957 Lotus, or even his 1957 Jaguar.

“There’s energy and enthusiasm in the classes and I find I learn from the young kids, especially about the newer cars,” he says.

Like the other students, Norton is able to not only work on vintage cars but also on cars the college owns, including a Toyota Prius and a brand



*Chuck Robbins of Duke Energy Progress brought a modified Plug-In Hybrid Toyota Prius for students in the Automotive Technologies class to examine and learn about in depth.*

new Chevy Volt, a plug-in hybrid vehicle manufactured by General Motors and the most fuel-efficient car with a gasoline engine sold in the U.S. “Sandhills has the equipment and expertise to make sure we keep on learning,” Norton says.

“The automotive program at Sandhills has excellent equipment, great facilities and outstanding instructors to help us learn about engines, brakes, suspension and all the rest,” agrees Zolov, who occasionally works on his 1970 purple paisley Volkswagen convertible in class. “I’ve had every instructor in the program. They are skilled, approachable and have a great rapport with all the students.”

Zolov is impressed with the dedication of the younger students. “Some of these people have lost their jobs and are getting retrained to enter a new field,” he says. “By and large, most of the younger students are aware that this program can help them earn a decent living.”

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**Shannon Edge**

The Department of Automotive Technologies at Sandhills offers an Associate in Applied Science degree and a Diploma in Automotive Systems Technology, as well as Certificates in Mechanical, Electrical and Engine Performance, Transmission/Driveline, and Motorsports/Drag Race Vehicles. In Collision Repair and Refinishing Technology, a Diploma is available and Certificates in Non-Structural Repair, Paint and Refinishing, and Structural Repair.

For some senior citizens in the auto servicing class, there have been extra

bonuses in coming back to college. Norton has enjoyed getting to know some of the younger students who, like himself, are veterans. “Plus, I met David Zolov and Owen Gallagher by taking these classes and we’ve become friends,” Norton says.





# From Idea to Reality

Technology is now used widely and routinely in the design and construction industries



*A bulldozer clears the land for the new Sandhills Community College in 1965.*

**W**hen Sandhills Community College was in the initial planning stages, the architects at Hayes and Howell Associates used drafting tables, T-squares, rulers, and protractors to design the buildings. When the technicians at Wright and Associates worked up plans for the renovation of Hines Gymnasium, the most recent building project at the College, they created construction

plans using architectural computer-aided drafting and design (CADD) software and other high-tech equipment and methods.

When surveyors came out and explored the land the college was to be built upon, they used compasses, levels, tape measurers, and transits. If they were to survey the land

**The engineers would have used slide rules to perform their calculations and mechanical drafting equipment to prepare their plans.**



## The “It” Degree

**E**ngineering has become an “it” degree. The unemployment rate of those in engineering is extremely low.

The picture will only get rosier with the aging of the baby boomers. Power industry engineers are fast retiring.

New construction benefits civil engineers, as does the nation’s aging infrastructure of bridges, buildings and gas, water and

wastewater pipelines. The Bureau of Labor Statistics estimates the current crop of some 263,000 civil engineers will grow 19 percent by 2020.

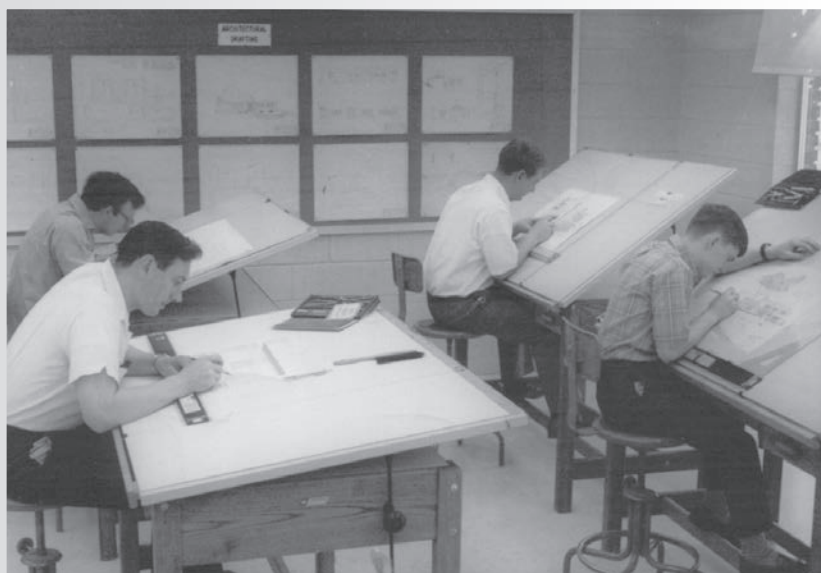
Environmental, petroleum, and computer engineers are similarly in demand, both for their part in the infrastructure update and for tackling other high-priority challenges, such as energy exploration and production technology development.

Despite the disaster at the Fukushima nuclear power plant in Japan after the 2011 earthquake, enthusiasm for nuclear energy has not noticeably waned in the United States, says Dan Wittliff, president of the National Society of Professional Engineers, who thinks the number of jobs for nuclear and petroleum engineers will grow in the 15 to 20 percent range over the next 10 years.

*“Engineering Grads Enjoy Greater Job Prospects” usnews.com*







*In 1968 SCC students in Architectural Drafting classes sat at drafting tables and used T-Squares, rulers, protractors and other instruments as they learned how to create plans for construction projects.*

today they might use high-tech geospatial technologies such as Global Navigation Satellite Systems (GNSS), robotic total stations with electronic distance measuring instruments, electronic handheld data collectors, Geographic Information System (GIS), and CADD software.

When the bulldozers cleared land for the roads, parking lots and buildings, their instructions were given by stakes in the ground put there by surveyors to establish where and

how deep to cut the earth. Today bulldozers are equipped with machine controlled grading capabilities. Global Positioning Satellites (GPS) are used in tandem with computer models to direct the clearing of land.

The engineers would have used slide rules to perform their calculations and mechanical drafting equipment to prepare their plans. Today's engineers use computers and advanced computing technologies and

Many of our Engineering Technology graduates started off needing some refresher work in math. Our Developmental Math instructors are very good at helping students improve their skills. There is a lot of additional help as well through free on-campus tutoring. Engineering majors are highly employable, so even if math skills aren't the best, Sandhills can help people enter this exciting, high tech field!

— Professor Ed Spitler  
Department of Engineering Technologies Chair



*Today's Architectural Technology students learn to create construction plans utilizing CADD software in computer-equipped classrooms where an instructor utilizes whiteboards and other high-tech equipment.*

## Today's engineers use computers and advanced computing technologies and CADD to perform computations and to prepare construction site plans.

CADD to perform computations and to prepare construction site plans.

The Engineering Technology program at SCC prepares students for careers in architectural, civil engineering and surveying technologies. Learn about each program on our website

under Programs & Majors. To explore even further, make an appointment to meet with the Engineering Technology Department Chair, Professor Ed Spitler. He can be contacted at 910-695-3797 or [spitlere@sandhills.edu](mailto:spitlere@sandhills.edu).

Technical majors—particularly those in engineering—went over the average and dominated the list of top-paying majors in 2013, according to National Association of Colleges and Educator's April 2013 Salary Survey. NACE also reported that companies in professional, scientific, and technical services hired the most new college engineering graduates in 2012.





# 2 + 2

## College Transfer Options

**W**hen you think of beginning at a community college and transferring to a four-year university or college, do you tend to think that transfer students take general courses at the community college and declare a major and take major-specific courses after they transfer?

That's not always true. Take for example 2 + 2 programs.

The Engineering Technology department at Sandhills has several 2+2 transfer options from which students can choose. The Engineering Technology 2+2 transfer options allow students to take major-specific courses while earning an Associate in Applied Science degree. This degree then allows them to earn a Junior status in select programs and universities.

2+2 transfer options appeal to students who are confident of a major choice and to those that prefer a more hands-on education. Because students can take major-specific classes upon beginning their college career, it allows for individuals to decide fairly quickly if the major they chose is the right one for them.



## 2 + 2 in Engineering Technologies at Sandhills

SCC AAS in Architectural Technology + UNC-Charlotte BS in Construction Management  
 SCC AAS in Civil Engineering Technology + UNC-Charlotte BS in Civil Engineering Technology  
 SCC AAS in Civil Engineering Technology + UNC-Charlotte BS in Construction Management  
 SCC AAS in Geomatics Technology + UNC A&T Geomatics

## Education Plus Internships Make for Success



James Teague

**A**fter graduating from Sandhills with an Associate in Applied Science in Civil Engineering Technology and another in Surveying Technology, James Teague worked an internship with Hobbs, Upchurch and Associates in Southern Pines. He then attended UNC-Charlotte and worked as an intern with Facilities Management at the university.

Teague graduated Cum Laude from UNC-Charlotte with a Bachelor of Science in Civil Engineering Technology and is working towards a Master of Science in Construction and Facilities Management. He is a graduate researcher for the Facility Engineer with Academic Affairs and is

interning with URS Nuclear Center in Fort Mill, SC.

"James is typical of the high quality students that have been successful after earning one or more of our three engineering technology degrees from Sandhills," Department of Engineering

Technology Chair Ed Spitler says. "We have unique opportunities for students to pursue hands on, application-based degrees at both the two- and four-year levels in Civil Engineering Technology, Construction Management and Geomatics."

**"James is typical of the high quality students that have been successful after earning one or more of our three engineering technology degrees from Sandhills."**

**Ed Spitler**  
 Engineering Technology Department Chairman





# SACS QEP OASIS

To most, this doesn't mean a thing – for others, it causes them to tremble in fear and break into a cold sweat

**E**very ten years a college comes up for reaffirmation of accreditation. This assures students and future employers of the graduates that the college operates according to high standards. The Southern Association of Colleges and Schools Commission on

Colleges (SACS) accredits Sandhills Community College.

For those who work at a college, SACS reaffirmation is a very big deal. The process is underway at Sandhills and will include an on-site team visit in October of 2013. Part of the process has to do with how the college complies with core requirements and comprehensive standards.

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SACS also requires a Quality Enhancement Plan (QEP) from colleges as a part of reaffirmation. The QEP is similar to a group project, completed by most of the campus. The project must focus on ways to improve student learning.

After brainstorming innumerable ideas with students, faculty, staff, and community members and several hours of follow-up discussions, the area of Distance Learning (DL) was chosen as the QEP for Sandhills. DL is a method of instruction where classes are delivered online through internet-connected computers. As this method of instruction has grown in popularity, the college wants to ensure that the quality of instruction and the students' learning experiences are sound. Sandhills Community College strives to offer the very best DL course delivery possible and see to it that students are able to graduate.

After a naming contest among faculty and staff, the QEP name was chosen. OASIS—Online Academic Success at Sandhills was declared the winner. A QEP Executive Committee will monitor the implementation and success of the project which includes establishing standards of “best practices” for distance learning, implementing those standards in selected online courses and comparing measures of student learning between online and traditional courses to look for differences in student achievement.

OASIS will be a five-year project that officially begins in the fall of 2013.



YOUR FUTURE  
IS CALLING

## Finish the GED® Test



# The GED Test is Changing...Again

**T**he College and Career Readiness (CCR) department at Sandhills Community College announced that the current version of the GED test expires at the end of 2013. The current version, known as the 2002 Series GED test, will be replaced with the new 2014 GED test on January 2, 2014. CCR Director Lucinda Cole said, "Similar to when the GED test changed in 2002, when the new test goes into effect in January 2014, anyone who has not completed all five GED tests will need to retake all the tests in the new format. We are urging GED test-takers to complete the entire exam before the end of 2013."

Those who have taken the 2002 Series GED test, but not passed all five parts, have until the end of 2013 to pass or they will need to start over again in

2014 with the new GED test in order to receive their high school credential. "The GED test opens doors to college, better jobs, the respect adults deserve, and the satisfaction of earning a high school credential," said Cole. "So we want to be sure that everyone is aware of this deadline. GED test-takers must act now to finish and pass before the current test expires."

"Support is available, right here at Sandhills Community College," said Dean of Continuing Education Andi Korte. "We help adult learners prepare to take the parts of the GED test they still need to pass."

The CCR department offers free GED preparation classes specifically designed to assist test-takers who want to finish before the end of 2013. Cole said, "We have GED preparation classes throughout Moore and Hoke Counties

at various times and locations. There is also an online preparation program."

"To anyone who has already started the GED test, your future is calling. By passing the GED test, you can answer that call," said Randy Trask, president and CEO of GED Testing Service. "You owe it to yourself. Don't miss the chance to turn one small step into your next big opportunity in life."

Interested GED test-takers can find more information about the upcoming changes at [www.finishtheGED.com](http://www.finishtheGED.com). For specific information on GED preparation through Sandhills Community College, contact the College and Career Readiness department at (910) 695-3980 or visit [www.sandhills.edu/coned/](http://www.sandhills.edu/coned/).

## The SCC Graduate Walk – Paving the Way to Success



*The SCC Alumni Association officers met with Architectural Engineering student designers last winter to review the plans for the Graduate Walk that will be installed at the College. From left to right: Jennifer Blakely, Associate Director, Foundation Outreach & External Relations; Lisa Slaby, Architectural Engineering (AE) student; Mary Monroe, AE student; Timothy Howle, AE Professor; George Benfield, AE student; Jaime McLeod, Alumni Association Board member; Sherrill Matthews, Alumni Association President; and Joseph Rivera, AE student.*

**T**o commemorate the college's Fiftieth Birthday, The Sandhills Community College Alumni Association is offering Alumni and friends and family of Alumni an opportunity to support the Alumni Association and to leave their permanent mark on the beautiful campus.

The Sandhills Community College Graduate Walk – Paving the Way to Success will be a beautifully designed brick area, centrally located on campus near the area future graduates will pass every May at Commencement. Each brick will be laser engraved with an alumnus name, and will symbolize the spirit they felt when they achieved their goals at Sandhills.

The bricks are available for a \$100 contribution to the SCC Alumni Association. The names on the bricks must be alumni of Sandhills Community College.

For more information, please contact Jennifer Blakely at (910) 695-3712 or [blakelyj@sandhills.edu](mailto:blakelyj@sandhills.edu).



# Sandhills Community College Curriculum Programs List

Sandhills Community College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033–4097, 404-679-4501) to award associate degrees, certificates, and diplomas.

## University Studies College Transfer Degrees

Degree	Purpose of Degree
<i>Associate in Arts</i>	Recommended if you plan to transfer to a four-year college or university to pursue a program of study leading to a Bachelor of Arts degree. Included in the North Carolina Comprehensive Articulation Agreement (CAA) to provide certain guarantees providing for a smooth transfer of course credits from community colleges to UNC universities as well as other institutions that honor the agreement.
<i>Associate in Fine Arts in Art</i>	Designed to prepare you to transfer to a senior institution with a solid foundation in color, design, drawing and fundamentals of studio techniques. You will graduate with a portfolio of work that is strong enough to allow you to continue your work as a junior and begin an area of concentration at your senior transfer institution.
<i>Associate in Fine Arts in Music &amp; Music Education</i>	Designed to prepare you for transfer to a senior institution with a solid foundation in music theory, music history, and applied music performance skills. You will be able to audition on your primary instrument or voice and complete theory and history placement exams that will allow you to continue work as a junior and to begin an area of concentration at your transfer institution.
<i>Associate in Science</i>	Recommended if you plan to transfer to four-year college or university to pursue a program of study leading to a Bachelor of Science degree. Is included in the North Carolina Comprehensive Articulation Agreement (CAA) providing certain guarantees to provide a smooth transfer of course credits from community colleges to UNC universities and colleges as well as other institutions that honor the agreement.
<i>College Transfer Core Diploma</i> (Available in Arts or Science)	Designed for students who want to transfer to a four-year college or university without earning an associate's degree. All CAA courses completed with a C or better in each course are guaranteed to be accepted as a block (44 semester credit hours) when you are admitted to a university in the University of North Carolina System. Many private colleges and universities also accept the credit hours.

## General Degree Programs

Degree	Purpose of Degree
<i>Associate in Applied Science in General Occupational Technology</i>	Designed for academic enrichment to broaden your education, with emphasis on personal interest, growth and development.
<i>Associate in General Education</i>	

## Technical & Medical Programs

Program of Study	Degree, Diploma, Certificate	Prospective Career	Typical Places of Employment
<b>Automotive Technologies</b> <b>Automotive Systems Technology</b>  <div>Ask about our Drag Race Technology courses!</div>	<i>Associate in Applied Science Diploma</i>  <b>Electrical &amp; Engine Performance Certificate</b>  <b>Mechanical Certificate</b>  <b>Motorsports/Drag Race Vehicle Certificate</b>  <b>Transmission/Driveline Certificate</b>	Automotive service technician, service manager, parts manager, and service writer 	Automotive dealerships, independent repair facilities, municipal garages, state DOT garages, machine shops or performance motorsports facilities
<b>Collision Repair &amp; Refinishing Technology</b>	<i>Diploma</i>  <b>Non-Structural Repair Certificate</b>  <b>Paint &amp; Refinishing Certificate</b>  <b>Structural Repair Certificate</b>	Entry-level employment in the automotive body and refinishing industry 	Dealerships, franchised independent garages, or vehicle-customizing shops



Program of Study	Degree, Diploma, Certificate	Prospective Career	Typical Places of Employment
<b>Computer Technologies</b> <b>Computer Engineering Technology</b>	<i>Associate in Applied Science</i> 2+2 Transfer Articulation Arrangement: UNC-Charlotte (BS in Electronic Engineering Technology) Computer Upgrade and Repair Diploma Microcomputer Servicing Certificate Repair Certificate Advanced Repair Certificate Electronics Certificate Forensics Certificate Advanced Forensics Certificate Networking Certificate Security Certificate	Electronics technology, computer science, computer networks server maintenance, and programming 	Educational institutions, industries, medical facilities, governmental agencies, and with businesses 
<b>Computer Programming</b>	<i>Associate in Applied Science</i>	Computer programmer, analyst, software developer, computer operator, systems technician, information systems manager, database administrator, computer or software specialist	Business, industry and government organizations
<b>Digital Media Technology</b>	<i>Associate in Applied Science Certificate</i> <i>Print Design Certificate</i> <i>Web Content Management Certificate</i> <i>Web Design Certificate</i>	Web Design/Development, Graphic Design, Multimedia Design	Newspaper advertising departments, businesses advertising departments, public relations and marketing departments, web design companies, printing companies, publishing companies, advertising agencies and freelance employment
<b>Networking Technology</b> 	<i>Associate in Applied Science</i>	Local area network manager, network operator, network analyst, or a network technician	Entry-level jobs in business, educational settings and industry
	<b>Networking Fundamentals</b> <i>Diploma</i>	Entry-level positions in networking Identifying information security risks, creating an information security policy, identifying processes to implement and enforce policy, implementing secure data transmission technologies.	Educational institutions, industries, medical facilities, governmental agencies, and businesses that use operating systems such as Windows Server and Red Hat Enterprise
	<b>Cisco Networking</b> <i>Certificate</i>	Maintaining and supporting network systems 	Educational institutions, industrial facilities, medical facilities, governmental agencies, or businesses that utilize Cisco hardware or services
	<b>Network Security</b> <i>Certificate</i>	Identifying normal network traffic using network analysis tools, and designing basic security defenses. Helps prepare for the CompTIA Security+ Industry Certification.	Educational institutions, industries, medical facilities, governmental agencies, and businesses
<b>Simulation and Game Development</b>	<i>Associate in Applied Science Certificate</i>	Simulation and game development, design, architecture, audio and visual techniques and story telling	Military, engineering, medical and gaming companies
<b>Cosmetology</b>	<i>Associate in Applied Science Diploma Certificate</i>	Cosmetologist	Beauty salon or begin your own businesses
<b>Engineering Technology</b> <b>Architectural Technology</b>	<i>Associate in Applied Science</i> 2+2 Transfer Articulation Arrangement: UNC-Charlotte (B.S. in Construction Management) Certificate	Computer Aided Drafting and Design (CADD) technician, architectural design technician, construction estimator, construction project manager, and construction materials sales representative	Architectural, engineering, and construction professions both public and private
<b>Civil Engineering Technology</b>	<i>Associate in Applied Science</i> 2+2 Transfer Articulation Arrangement: UNC-Charlotte (B.S. in Civil Engineering Technology or B.S. in Construction Management) Certificate	Transportation technician (usually with NCDOT), civil design technician, environmental technician, materials testing technician, Computer Aided Drafting and Design (CADD) technician, construction estimator, and construction project manager	Engineering, surveying, and construction professions, both public and private
<b>Geomatics Technology (Surveying)</b>	<i>Associate in Applied Science</i> Transfer Opportunity: NC A&T University (BS in Geomatics) Certificate	Survey technicians, survey crew chiefs, GIS/GPS technicians, Computer Aided Drafting and Design (CADD) technicians, and transportation technicians (usually with NCDOT)	Engineering, surveying, and construction professions both public and private
<b>Golf Course Management</b>	<i>Associate in Applied Science</i>	Assistant golf course superintendent, golf course superintendent and golf course construction foreman	Private, semi-private, public, resort and country club golf courses and golf course construction contractors



Program of Study	Degree, Diploma, Certificate	Prospective Career	Typical Places of Employment
<b>Health Sciences</b> <b>Emergency Medical Science</b>	<i>Associate in Applied Science</i>	Paramedic or Emergency Medical Technician, eligible to apply for state and national certification exams required for state licensing or registration	Ambulance services, fire and rescue agencies, air medical services, specialty areas of hospital, industry, educational institutions, and government agencies
<b>Health and Fitness Science</b>	<i>Associate in Applied Science</i>	Management, operation and supervision of fitness centers, teaching fitness classes	Commercial fitness clubs, YMCA's/YWCA's, wellness programs in business and industry, hospitals, and parks and recreation departments and other organizations implementing exercise and fitness programs
<b>Medical Laboratory Technology</b>	<i>Associate in Applied Science</i>	Medical Laboratory Technician, eligible to apply for certification exams given by the American Society of Clinical Pathologists Agency	Hospitals, medical offices, industry, and research facilities
<b>Ophthalmic Medical Assistant</b>	<i>Diploma</i>	Ophthalmic Medical Assistant, may qualify as candidates to take the Joint Commission on Allied Health Personnel, Ophthalmology National Certification Exam.	Medical institutions, clinics, or physician practices.
<b>Polysomnography</b>	<i>Associate in Applied Science</i>	Polysomnography Technologist, eligible to apply for the BRPT Registered Polysomnographic Technologist Exam required for state registration to practice	Hospitals and freestanding sleep centers
<b>Radiography</b>	<i>Associate in Applied Science</i>	Registered Radiographer, eligible to apply for the ARRT Certified Radiography Examination required for national licensing to practice	Hospitals, clinics, physicians' offices, medical laboratories, government agencies, and industry
<b>Respiratory Therapy</b>	<i>Associate in Applied Science</i>	Respiratory Therapist/Respiratory Care Practitioner, eligible to apply for the NBRC Certified Respiratory Therapy Exam required for state licensing to practice	Hospitals, patient's homes, rehabilitation agencies, nursing homes, outpatient clinics, and physicians' offices
<b>Surgical Technology</b>	<i>Associate in Applied Science</i> <i>Diploma</i>	Surgical Technologist, eligible to apply to take the Liaison Council's Certification Examination for Surgical Technologists	Labor and delivery departments, emergency departments, inpatient/outpatient surgery centers, dialysis units or facilities, physicians' offices, and central supply processing units
<b>Therapeutic Massage</b>	<i>Associate in Applied Science</i> <i>Diploma</i>	Massage Therapist, eligible to take the National Certification Exam for Therapeutic Massage and Bodywork	Hospitals, rehabilitation centers, health departments, home health, medical offices, nursing homes, spas, health and sports clubs, and private practice
<b>Hospitality &amp; Culinary Arts</b> <b>Baking and Pastry Arts</b>	<i>Associate in Applied Science</i> <i>Certificate</i>	Entry-level positions as pastry/bakery assistants, pastry chefs and assistant pastry chefs	Restaurants, hotels, independent bakeries/pastry shops, wholesale/retail markets and high-volume bakeries
<b>Culinary Arts</b>	<i>Associate in Applied Science</i> <i>Certificate</i>	Entry-level position as line cook or station chef with advancement to sous-chef, executive chef or food service manager	Full-service restaurants, hotels, resorts, clubs, catering operations, contract food service and health care facilities
<b>Hospitality Management</b>	<i>Associate in Applied Science</i>	Entry-level management or supervisory positions in the food and lodging industry	Hotels, motels, resorts, inns, restaurants, institutions, and clubs, support areas of food and equipment sales
<b>Landscape Gardening</b>	<i>Associate in Applied Science</i> <i>Certificate</i>	Applied horticulture as it relates to design, development, and/or maintenance for residential and commercial operations	Garden centers, greenhouse operations, nurseries, and public or private gardens, landscape companies or entrepreneurial ventures
<b>Management &amp; Business Technology</b> <b>Accounting</b>	<i>Associate in Applied Science</i> <i>Diploma</i>	General accountant, accounts receivable, accounts payable or payroll accounting clerk, financial data analyst or tax preparation consultant	Accounting firms, banks, retail businesses, manufacturing firms, hospitals, schools, churches, non-profit and government agencies
	<b>Certified Bookkeeper</b> <i>Certificate</i>	Inventory, accounts receivable, accounts payable and payroll clerk	Banks, retail businesses, small businesses, schools, hospitals, churches, and non-profits
<b>Business Administration</b> 	<i>Associate in Applied Science</i>	Entry- and mid-level positions as finance officer, human resource manager, marketing representative, government services administrator, small business manager, business service specialist, office/sales manager, and investment representative	Government agencies, financial institutions, large to small businesses or industries, and entrepreneurial ventures
	<b>Business Administration/ Banking and Finance</b> <i>Certificate</i>	 For prospective Career: Entry positions as financial analysts and in the banking sector.	For Typical Places of Employment: Financial institutions, insurance, brokerage and mortgage companies, and governmental lending agencies
	<b>Business Administration/ Entrepreneurship</b> <i>Certificate</i>	Beginning your own business venture or improving your or another's business	Entrepreneurial and intrapreneurial ventures, government agencies, financial institutions, and large to small businesses or industries



Program of Study	Degree, Diploma, Certificate	Prospective Career	Typical Places of Employment
<b>Management &amp; Business Technology</b> <b>Business Administration-cont'd</b>	<b>Business Administration/ Small Business Management</b> <i>Certificate</i>	Beginning your own business venture by understanding the basics of running a small business	Small businesses in such areas as massage therapy, cosmetology, landscape gardening, culinary arts, and automotive mechanics
	<b>Medical Office Administration</b>	<i>Associate in Applied Science</i>  <b>Medical Office Coding</b> <i>Certificate</i>	Transcriptionist, medical secretary, patient accounting clerk, and patient service representative  Confidential assistant in medical management  Hospitals, medical centers, clinics, outpatient facilities, physicians' offices, insurance companies, and nursing facilities
<b>Office Administration</b>	<i>Associate in Applied Science</i>	Administrative assistant, executive assistant, marketing assistant, payroll assistant, human resources assistant, office manager and project manager	Schools, legal offices, business, government, and industry
<b>Nursing</b> 	<b>Nursing</b> <i>Associate Degree in Nursing</i>	Registered Nurse- eligible to apply to take the National Council Licensure Examination (NCLEX-RN) that is required for practice as a Registered Nurse	Hospitals, long term care facilities, clinics, physicians' offices, industry, and community agencies
	<b>Nursing Assistant</b> <i>Certificate</i>	Nursing Assistant- eligible to be listed on the NC Registry as a Nursing Assistant	Home health agencies, hospitals, hospices, clinics, nursing homes, extended care facilities, and doctors' offices
	<b>Practical Nursing</b> <i>Diploma</i>	Licensed Practical Nurse- eligible to apply to take the National Council Licensure Examination (NCLEX-PN)	Hospitals, rehabilitation facilities, long term care facilities, home health facilities, clinics, and physicians' offices
<b>Public Services</b> <b>Early Childhood Education</b> 	<i>Associate in Applied Science</i>	Teacher Assistant, Early Childhood Teacher	Elementary schools, private childcare homes or centers, childcare programs, before-and-after school programs and summer camps
	<b>Early Childhood Administration</b> <i>Certificate</i>	Childcare Center Director	Private childcare center
	<b>Early Childhood Education-Infant/ Toddler Care</b> <i>Certificate</i>	Infant and toddler childcare assistant	Childcare center
	<b>Early Childhood Education-Preschool Care</b> <i>Certificate</i>	Care for preschool age children	Childcare center
	<b>Early Childhood Education-School Age Care</b> <i>Certificate</i>	Care for children age five through eight	Before and after school care programs
<b>Human Services</b>	<b>Human Services Generalist</b> <i>Associate in Applied Science</i>	Technical assistance in rehabilitation, residential care, youth counseling, social services and group home management	Behavioral health and social services agencies, Juvenile Justice programs
	<b>Human Services Technology/ Substance Abuse</b> <i>Associate in Applied Science</i>	Substance abuse worker, behavior specialist, or counselor technician	Behavioral health, residential rehabilitation programs
<b>Law Enforcement &amp; Criminal Justice</b>	<b>Basic Law Enforcement Training</b> <i>Certificate</i>	Entry-level law enforcement officer	State, county, or municipal governments, and private enterprises
	<b>Criminal Justice Technology</b> <i>Associate in Applied Science</i>	Police officer, deputy sheriff, detention officer, state trooper, surveillance probation/parole officer, correctional officer or loss prevention specialist	Local, state, and federal law enforcement, corrections, and security fields
<b>Partner Programs</b> <b>Health Information Technology</b>	<b>Health Information Technology</b> <i>Associate in Applied Science</i> <i>Partner program with Pitt CC</i>	Health data analyst, records technician, clinical coding specialist, physician practice manager, and patient information coordinator	Hospitals, mental health facilities, nursing homes, health insurance organizations, rehab facilities, medical offices, and consulting firms
<b>Physical Therapist Assistant</b>	<b>Physical Therapist Assistant</b> <i>Associate in Applied Science</i> <i>Partner program with FTCC</i>	Physical Therapist Assistant or Physical Therapist Aide	Nursing care facilities, physicians' offices, and general medical and surgical hospitals, offices of physical, occupational and speech therapists, and audiologists



## Career Training

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BECOME A

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# ALUMNI

ASSOCIATION

Check out our website. Link is on the College Home Page.

Join the Alumni Association

Free Membership

Receive Information About Homecoming and Other Special Events



## Congratulations Golf Champs!



A triumphant Flyers Men's Golf Team gathers after being declared NJCAA National runner-up in Chautauqua, NY. Pictured are Alex Meade, Grant Edwards, Nick Thompson, Karl Reamer and Colin Jameson.



The Lady Flyers Women's Golf Team celebrates after winning the Region X tournament. Pictured are Assistant Coach Herb Pike, Sage Evans, Riley Whalen, Caitlin Wald, Katie Stoupe, Kim Mitchell, Raven Brown and Athletic Director Aaron Denton.



# Turfgrass Management

Explore a career in the turf management sector of the green industry.

A degree from SCC can lead to entry-level employment in the green industry as an assistant golf course superintendent, a spray technician, or an assistant golf course construction superintendent. With experience, it is possible to advance to the position of golf course superintendent or golf course construction superintendent.

## NETWORKING TECHNOLOGY

Prepare for employment supporting network infrastructure environments by earning an Associate in Applied Science in Networking Technology. We also offer a Networking Fundamentals Diploma and a Cisco Networking and Network Security Certificate. You will learn how to use technologies to provide reliable transmission and delivery of data, voice, image, and video communications in business, industry, and education.

## Computer Programming

Our Computer Programming associate degree prepares students for employment as computer programmers and related positions through study and applications in computer concepts, logic, programming procedures, languages, generators, operating systems, networking, data management, and business operations.

## Digital Media Technology

Prepare for employment in the digital design and multimedia industries.

Graduates will be able to synthesize multimedia, hypertext, computer programming, information architecture, and client/server technologies using both Internet and non-network-based media.

Associate in Applied Science Degree  
Digital Media Technology, Print Design, Web Design, and  
Web Content Management Certificates

## Computer Simulation & Game Development

Develop a broad background in simulation and game development with practical applications in creative arts, visual arts, audio/video technology, creative writing, modeling, design, programming and management.

Graduates should qualify for employment as designers, artists, animators, programmers, testers, quality assurance analysts, engineers and administrators in the entertainment industry, health care, education, corporate training, and government organizations.

## Computer Engineering Technologies

### The Jobs of the Future are Available Now

We provide training to help you develop the skills required to install, service, and maintain computers, peripherals, networks, and microprocessor and computer-controlled equipment.

Our programs include training in both hardware and software, emphasizing operating systems concepts to provide a unified view of computer systems.

We also have a 2+2 Transfer Articulation Arrangement with UNC-Charlotte that leads to a BS in Electronic Engineering Technology.

## Landscape Gardening Professional Landscape Management Program

Fully accredited by the Professional Landcare Network (PLANET)

Many national companies recruit our graduates. The White House grounds are managed by two of our graduates. Another is head of the gardens at Monticello, and one is the head of Reynolda Gardens. There are many horticulturists at the NC Zoo who are graduates of our program, and the Grounds Supervisor at Pinehurst Resorts is one of our graduates.

**Sandhills Community College**  
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Pinehurst, NC 28374

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